

SPENCER
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	6.78	9	133	Male	4.20	4	NC*
Female	2.44	4	NC*	Female	3.27	0	NC*
Total	9.23	13	141	Total	7.47	4	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	2.33	0	NC*	Male	1.27	1	NC*
Female	1.96	1	NC*	Female	1.13	0	NC*
Total	4.30	1	NC*	Total	2.40	1	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.44	0	NC*	Male	5.54	8	144
Female	40.87	38	93	Female	4.62	9	195
Total	41.31	38	92	Total	10.16	17	167
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	2.76	5	181	Male	4.59	4	NC*
				Female	2.10	0	NC*
				Total	6.70	4	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	17.16	19	111	Female	4.97	7	141
Female	15.75	20	127				
Total	32.91	39	119				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	2.50	5	200	Male	2.61	6	230
Female	0.80	0	NC*	Female	2.60	1	NC*
Total	3.30	5	151	Total	5.21	7	134
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	1.16	1	NC*	Male	41.51	37	89
Female	0.91	1	NC*				
Total	2.07	2	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	4.05	6	148	Male	2.94	1	NC*
Female	2.32	5	215	Female	1.69	3	NC*
Total	6.37	11	173	Total	4.64	4	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	2.45	0	NC*	Male	1.66	2	NC*

Female	0.66	0	NC*				
Total	3.10	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	3.02	2	NC*	Male	0.87	0	NC*
Female	2.24	3	NC*	Female	2.26	3	NC*
Total	5.26	5	95	Total	3.13	3	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	1.38	0	NC*				
Female	0.54	1	NC*	Female	7.81	9	115
Total	1.93	1	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	22.03	25	113	Male	138.16	137	99
Female	16.12	21	130	Female	127.08	140	110
Total	38.15	46	121	Total	265.24	277	104

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels